

# NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, December 19, 2003

Vol. 28, No. 50

## Anastasio delivers Lab update



JACQUELINE MCBRIDE/NEWSLINE

Director Michael Anastasio addresses employees in a televised presentation in Bldg. 123.

Calling 2003 a “very challenging and successful year,” Director Michael Anastasio recapped the Lab’s major events and accomplishments in an all-hands address Wednesday.

He highlighted achievements in program, science and technology, operations, safety and security and concluded with

future challenges and opportunities.

### Programmatic achievements

Anastasio began his presentation by describing Lab programmatic successes, noting the recent com-

See STATE OF LAB, page 8

## 2003 HOME Campaign sets new donation record by surpassing \$1.5 million

Laboratory employees have set a new record in HOME Campaign donations by raising more than \$1.5 million.

This is the sixth straight year that employees have donated more than \$1 million to community non-profit agencies and charities.



The 2003 campaign to “Help Others More Effectively,” has surpassed its goal of \$1.5 million with a total \$1,558,631 in donations without any extension of the deadline.

The Director’s Office had the largest percentage of donations with 71.6 percent of employees participating while the Administration and Human Resources Directorate came in a close second with 68 percent of employees donating. Overall, the Engineering Directorate contributed the most at more than \$361,600 in donations.

“The 2003 campaign generated donations for well over 200 agencies,” said Patricia Axelrod, campaign co-chair. “Employees have helped these non-profit organizations meet important objectives, and eased their ability to cope with intensi-

See HOME, page 3

## Physicist Siegfried Glenzer receives 2003 APS award for plasma physics excellence

The American Physical Society has honored the Lab’s Siegfried Glenzer with its 2003 Award for Excellence in Plasma Physics Research.

Glenzer, who joined LLNL in 1995, is the group leader for plasma physics for the National Ignition Facility (NIF) project, and earlier this year became the first researcher to conduct scientific experiments in the NIF target chamber. He was named a fellow of the

See GLENZER, page 7

## Lab committed to safety, Anastasio tells federal board

The Laboratory is committed to excellence in its safety performance, Director Michael Anastasio stressed before the Defense Nuclear Facilities Safety Board this week.

Anastasio was in Washington Tuesday to testify before the board on the Lab’s safety oversight and contractor assurance system.

He told the board workplace safety as well as environment and health have long been

See TESTIMONY, page 7

## Drives for children wrap up successful season

By Leslie Schwartz

NEWSLINE STAFF WRITER

With the holiday season right around the corner, many Lab organizations are getting into the spirit of giving. Through the combined efforts of employee volunteers and community organizations, service work and helping those in need have become holiday hallmarks around the Lab.

The 13th annual B-division toy drive, “Toys for Children,” held on Tuesday at the Sunshine Bldg., distributed more than 1,500 toys, infant clothing and new gifts. Items ranging from basketballs and baseballs to stuffed animals and board games, were handed out to small children and participating organizations.

B-division employees worked in conjunction with five prominent agencies, including Tri-Valley Haven for Women, Child Abuse Prevention Council of Contra Costa County, Oakland Children’s Hospital foundation, San Joaquin County Prevention Services and Council for the Spanish Speaking, to reach needy children in the Tri-Valley area. Lynn Groves, coordinator

See WRAP UP, page 4



JACQUELINE MCBRIDE/NEWSLINE

Tony Calderon, 4, patiently awaits the distribution of toys gathered during B Division’s toy drive.

MORE HOLIDAY PHOTOS  
— PAGE 5

## Newsline takes a holiday

Due to the Christmas and New Year’s holidays, Newsline will not be published next week

or the week of Dec. 29. The next issue of Newsline will be published Friday, Jan. 9.



A bird in the hand

— Page 2



Bringing campaign HOME

— Page 3



The prose of Lab authorship

— Page 7



## LAB COMMUNITY NEWS

### Weekly Calendar

#### Technical Meeting Calendar, page 4

Saturday  
**20**

The **Valley Dance Theatre** presents the only full-length Nutcracker in the Bay Area with live symphony and orchestra. Performances will be today at 2 and 7 p.m., Sunday at 2 and 7 p.m. and Tuesday at 7 p.m. at the Livermore High School Theatre, 600 Maple St., Livermore. For information, group rates, and tickets call 243-0927

Wednesday  
**24**

The Time Zone is available to handle **package receiving and UPS shipping** needs. Packages (UPS will not accept packages wrapped in paper) dropped off by 2:30 p.m. will be picked up the same day. Today, packages must be dropped off by 1 p.m. for pick-up by UPS. The Time Zone is open Monday through Friday, 7:30 a.m.- 3 p.m. and is located in Trailer 4128.

Friday  
**26**

Bring your family and friends to the Laboratory's **Discovery Center**, formerly the Visitors Center, during the holidays. The Discovery Center provides a window into the Lab's state-of-the art research programs, computational capabilities, and experimental tools. In addition to regular hours (Monday through Friday, 1-4 p.m.) the Discovery Center will be open today and the day after New Years' (Friday, Jan. 2) 1-4 p.m. The Discovery Center is located at East Gate Drive and Greenville Rd. No badging is required. For more information, call Linda Lucchetti, 2-5815.



Employees enrolled in **UC Care or Core** during 2002 are reminded that all claims must be submitted to Aetna UC Healthcare no later than Dec. 31. Visit the benefits

Website for further instructions and claim forms. Click "Aetna Claims - Deadline 2003."

...

**Health Net** has announced that effective January 1, it has contracted with Livermore area physicians as part of the Affinity Medical Group/Tri-Valley. Health Net has also contracted with ValleyCare Health Systems effective December 1. For a list of participating physicians, log on to Health Net's Web page or call Health Net's customer service at 1-800-640-2004.

...

The Employee and Organization Development Department has openings in **Communicating for Results** (ED7320-A). This interactive program examines every aspect of communication. This course will be held Jan. 8, 13, 15, at the Training Center (Trailer 1879), from 8:15 a.m. - 4:30 p.m. Cost varies from \$800-950. For additional information or to enroll, contact EODD Training at 2-4842. Or you may sign up online at Ltrain. [https://www.ais.llnl.gov/llnl\\_only/docs/hr/ltrain](https://www.ais.llnl.gov/llnl_only/docs/hr/ltrain),

### Banding together



KAREN FOLKS

Students from a Las Positas College ecology class, taught by Lab employee Brad Pesavento, visited Site 300 recently to observe some of the native wildlife and ecology of the site. Shown here, the students braved the cold as Bruce Campbell, seated, demonstrated how birds are banded for identification. Students also had a chance to look at some of the unique geological features of Site 300, as well as hear about the diversity of bird and reptile species from Jennifer Garrison and Lisa Paterson. The field trip was organized by Michael van Hattem and Bert Heffner, with assistance from Karen Folks.

### IN MEMORIAM

#### Ray Selmer Newbury

Ray Selmer Newbury, a longtime Livermore resident, died Dec. 9. He was 83.

Newbury was born Nov. 20, 1920, in Seattle. He moved to Livermore in 1956 to work at the Laboratory.

After retiring, he taught elementary and high school teachers how to teach science and was known in the valley as "Mr. Wizard," hosting science demonstrations for children in elementary and junior high

schools. He also was an auto enthusiast and Oakland Raiders fan.

He is survived by his wife of 58 years, Dixie; his daughters, Kirsten Graham of Helena, Mont., and Kim Newbury of Oakley; his sons, Ray of Livermore, Gregg of Anaheim and Mark of Livermore; 11 grandchildren and eight great-grandchildren.

Callaghan Mortuary of Livermore is handling arrangements.

#### Walter "Wally" Sieverding

Walter "Wally" Sieverding died Dec. 9. He was 86.

Sieverding was born Jan. 31, 1917, in Richmond, Minn. He served in the U.S. Army for four years before moving to Manteca in 1977. He worked as a maintenance mechanic at the Lab for 24 years. For the past 10 years, he volunteered at the Senior Citizens Hall in Manteca. He also served as the president of the Optimist Society in Berkeley.

He is survived by his daughter, Mary Ann Dahl of Stockton. He was preceded in death by his wife, Marilyn.

A memorial service will be held at 10 a.m. today (Dec. 19) at P.L. Fry and Son Funeral Home, 290 N. Union Road, Manteca.

Donations may be made to charity of one's choice.

#### Marian Frances Pickup

Marian Frances Pickup, a life-long Livermore resident, died Dec. 12. She was 71.

Pickup was born Jan. 6, 1932, in Livermore and graduated from Livermore High School in 1949 before attending Dominican College. She worked at the Laboratory as a medical secretary.

She was a member of St. Michael's Catholic Church and the YLI. She also volunteered for children's schools in the Library Literacy Program. She adored her grandchildren, reading and traveling.

She is survived by her husband of 48 years, Raymond; daughters, Livia Lang and her husband, Jeff, of Livermore; and Lois Vinsel and her husband, Peter, of Berkeley; and grandchildren Nicholas and Emily of Livermore.

Services have been held. Memorial donations may be sent to the Livermore School District.

### Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

#### Contacts:

Media & Communications manager: Lynda Seaver, 3-3103

Newsline editor: Don Johnston, 3-4902

Contributing writers: Bob Hirschfeld, 2-2379; David Schwoegler, 2-6900; Anne M. Stark, 2-9799; Stephen Wampler, 3-3107; Gordon Yano, 3-3117. For an extended list of Lab beats and contacts, see <http://www.llnl.gov/llnl/06news/NewsMedia/contact.html>

Photographer: Jacqueline McBride

Designer: Julie Korhummel, 2-9709

Distribution: Mail Services at LLNL

**Public Affairs Office:** L-797 (Trailer 6527), LLNL, P.O. Box 808, Livermore, CA 94551-0808

**Telephone:** (925) 422-4599; Fax: (925) 422-9291

**e-mail:** [newsline@llnl.gov](mailto:newsline@llnl.gov) or [newsonline@llnl.gov](mailto:newsonline@llnl.gov)

**Web site:** <http://www.llnl.gov/PAO/>

# New state law expands smoking restrictions at the Laboratory

On Jan. 1, a new California state law affecting public buildings goes into effect. Assembly Bill 846 was signed by former Gov. Gray Davis and amends current no smoking regulations. This new law prohibits smoking within 20 feet of main entrances, exits and operable windows of any building owned, leased and occupied by government entities including the University of California. Current LLNL ES&H policy prohibits smoking within 10 feet of doors, windows and air conditioning

system inlets.

University President Robert Dynes has notified campuses and laboratories to revise existing non-smoking guidelines, as needed, to comply with new law.

This bill was signed to further protect Californians from secondhand smoke (SHS) exposure. SHS has been known to cause 4,700 deaths annually in California, including deaths from lung cancer and heart disease. It also has been shown to be responsible for

asthma, eye irritation and respiratory problems in nonsmokers.

Laboratory smoking prohibitions are contained in the ES&H manual Chapter 10.1, Appendix [Chttp://www.llnl.gov/es\\_and\\_h/hsm/doc\\_10.01/doc10-01.html#appc](http://www.llnl.gov/es_and_h/hsm/doc_10.01/doc10-01.html#appc). The section will be updated shortly to incorporate changes from the new law. Directorate assurance managers and facility managers are also being briefed on changes, such as signage, needed to comply with the law.

## HOME

*Continued from page 1*

fyng demands and financial constraints.”

The Laboratory Services Directorate sponsored the campaign this year that officially ended Dec.12.

Campaign 2003 marked the 29th year the Laboratory has conducted the effort to raise funds for regional and local non-profit agencies as well as umbrella groups such as the Tri-Valley Community Fund and United Way.

Since 1995, LLNL's HOME fund raising efforts have topped more than \$9 million.

For the first time this year, the HOME Cam-

paign introduced a new online streamlined donation option for employees to donate through payroll deduction to the agency of their choice. The fund raising drive began just after this year's Run for HOME event on Oct. 29.

Next year's campaign will be sponsored by the Chemistry and Materials Sciences Directorate.

*To all employees:*

The outpouring of generosity by employees through the HOME Campaign has been truly wonderful, inspiring and is greatly appreciated. It is difficult to express sufficient appreciation to literally thousands of you who have been willing to stretch your paychecks a bit further to support your favorite non-profit agencies.

Virtually all of us have been touched by family, close friends and co-workers who will directly benefit from the education, health research, and many other needs met by these resources. This year in particular, many agencies experienced severe economic impacts coupled with increased service requirements. Through HOME, your donations will provide significant gains in closing many gaps to ensure objectives can still be met.

The significant efforts of the many advocates and volunteers across the Lab have also clearly been vital to this success. I hope everyone who finds HOME close to your heart can share in knowing that many agencies have already started to put donations to use through their expertise in stretching contributions for the greatest benefit.

Thank you all, and happy holidays on behalf of myself and Ed Helkenn, 2003 co-chairs for HOME, and the entire HOME committee.

*Patricia Axelrod, DAD for Operations,  
Laboratory Services Directorate*

## Home Campaign contributions as of Dec. 18: \$1,558,631

Directorate	Total Employees	Employee Contributions	Amount Donated	Percent Participation
<b>Director's Office</b>	116	83	\$53,953	71.6%
<b>Energy &amp; Environment</b>	304	131	\$53,047	43.1%
<b>Computation</b>	992	393	\$202,048	39.6%
<b>Chemistry &amp; Materials Science</b>	482	222	\$119,288	46.1%
<b>Safety &amp; Environmental Protection</b>	738	351	\$115,085	47.6%
<b>Physics &amp; Advanced Technologies</b>	350	208	\$93,752	59.4%
<b>Defense &amp; Nuclear Technologies</b>	370	194	\$104,099	52.4%
<b>Lab Services</b>	1,451	550	\$152,256	37.9%
<b>Safeguards &amp; Security</b>	374	52	\$15,331	13.9%
<b>National Ignition Facility Programs</b>	191	123	\$47,870	64.4%
<b>Engineering</b>	2,090	762	\$361,645	36.5%
<b>Chief Financial Officer</b>	99	67	\$18,197	67.7%
<b>Nonproliferation, Arms Control &amp; International Security</b>	243	129	\$74,638	53.1%
<b>Admin. &amp; Human Resources</b>	219	149	\$37,863	68.0%
<b>Biology &amp; Biotechnology Research</b>	222	68	\$24,949	30.6%
<b>Johnson Controls</b>	89	89	\$74,582	N/A
<b>Retirees</b>	81	81	\$5,945	N/A
<b>Others</b>	31	31	\$4,083	N/A
<b>Total Participation</b>	<b>8,442</b>	<b>3,683</b>	<b>\$1,558,631</b>	<b>43.6%</b>



## And the winners are...

In the best tradition of "winners need not be present," this week's HOME Campaign presentation was attended by only half the incentive drawing winners. Left to right are Mitch Waterman, Applebee's \$25 gift certificate; Theresa Snyder, also an Applebee's \$25 gift certificate; and Patricia Axelrod, 2003 HOME co-chair, holding the HOME incentive drawing house. Those not pictured include Cyndi Atherton, Pleasanton Hilton Saturday-night stay and Sunday brunch for two; Jim Kimmons, Country Waffles \$20 gift certificate and Jerome Solberg, Boomers Entertainment, four attraction tickets.

MICHAEL ANTHONY/TID



## NEWS YOU CAN USE



### Get in the spirit of Laboratory's holiday recycling effort

Help lower Lab disposal costs and join hands in a holiday recycling effort by properly disposing of office Christmas trees.

LLNL gardeners will again be collecting trees that will be chipped and used as soil amendment around the site. In order to aid

this endeavor, remove all holiday decorations, ornaments, wrapping paper and tinsel and place discarded trees on the nearest street curbside no later than at the close of business Dec. 24. Trees will not be picked up from parking lots, pathways or alleys.

Recycling trees not only conserves

resources, assisting the Lab in meeting U.C. performance measure goals regarding waste diversion, but also provides a usable end product for landscaping at the Lab.

If you have any questions, suggestions, or future ideas regarding waste diversion, contact the Earth Hotline, E-ARTH or 3-2784.

#### WRAP UP

*Continued from page 1*

of "Toys for Children," shops year-round to find the best bargains on quality toys.

"I look for toys that hold a lasting value and that are educational so children can use their imagination," Groves said.

Carpenters from Plant Engineering, as well as the Piecemakers quilting group also dedicated their time and energy into crafting handmade wooden cradles and toolboxes, and sewing and crocheting doll blankets. Fundraisers throughout the year support "Toys for Children," such as the B-Division book sale, the ongoing recycling project and raffles from various groups that help raise money for this noble cause.

Lab-wide holiday donation programs, such as the American Indian Activity Group's 5th annual toy drive and "Toys for Tots" works through all directorates. The American Indian Activity Group sponsored a holiday gift program to benefit the Oakland American Indian Child Resource Center and the Indigenous Nations Child and Family Agencies foster children.

Darlene Yazzie has participated in this program for the past five years, collecting toys, games and gift certificates for newborns, children and teenagers in local areas. "It's always a struggle because I want to fulfill every need and sometimes I get overwhelmed," Yazzie said. "But the organizations are always so thankful and my participation makes me feel good, too."

This year, Yazzie helped to give 200 foster children gifts and continues to encourage others to help her with their efforts to give to the less fortunate.

The Lab firehouse also collected 10 barrels full of brand new toys to donate to the "Toys for Tots" program. Although the firehouse served as the collection point for dropping off gifts, the "Toys for Tots" program spanned the entire Lab and all departments and employees were encouraged to contribute as they could. "This program has been more than successful every year," said Amy Snyder, one of the organizers for "Toys for Tots."

For more than 40 years, Engineering has helped to put the holiday spirit in the hearts of low-income and home-bound seniors through their Holiday Card Fund. Instead of buying co-workers holiday cards, Engineering employees were asked to donate the money they would spend on greeting cards to the fund, which would then be given to the Senior Services Center of Livermore. The center uses the donated money to purchase food certificates and baskets for needy seniors. Diane Martz, Kim Hegman and Debbie Leal worked diligently to make this project a success and carried on the Engineering community service tradition. A total of \$3,889 was collected this year to aid this effort and feed 150 local senior citizens.

Additionally, the Brighter Holidays program at the Lab has worked to adopt needy families in the local area and provide them with basic necessities and holiday wishes during the latter months of the year. Beginning in 1989 under the direction of

retiree Betty Klino, Brighter Holidays began with two families in the Livermore area. Now it sponsors more than 600 people from 137 families in nine counties. A collection of gift baskets was delivered to the Sunshine Bldg. Thursday, along with more than 30 refurbished bicycles.

The Cycletrons, a Lab bicycle club, repaired the donated bicycles and gave them to children, along with the other items on their wish lists. Various Lab departments, organizations and groups worked to provide these items, along with previously donating money and food items toward Thanksgiving dinners for these adopted families. "It's heartening to see Lab employees giving of themselves," said Joanna Stadler, one of the Brighter Holidays coordinators on site. "These children wouldn't have a Christmas at all without the kindness and generosity of Lab employees."

Outreach and service programs such as these not only give employees the opportunity to contribute to many causes, but also help spread some holiday cheer throughout the community.

"Families cannot afford these toys themselves," said Mary Flott from the Child Abuse Prevention Council of Contra Costa County. "It would be a very meager Christmas without the toys we receive from Lawrence Livermore."

Through these participants' and volunteer organizations' generous donation of time and energy, children and families alike will experience and remember a much happier holiday season.

## Technical Meeting Calendar

Friday  
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#### INSTITUTE FOR GEOPHYSICS AND PLANETARY PHYSICS

"Life in Extreme Environments and the Search for Life on Mars," Chris McKay, NASA Research Center.

Noon, Bldg. 319, room 205. Contact: Wil van Breugel, 2-7195, or Josie Morgado, 2-7181.

JANUARY  
5

#### CHEMISTRY & MATERIALS SCIENCE DIRECTORATE

"From Spintronics to Aerogel Nanoarchitectures to Spacedust: Applications of Transmission Electron and Focused Ion Beam Microscopies," by Rhonda Stroud, Naval Research Laboratory.

9 a.m., Bldg. 235, Gold Room 1090. Foreign nationals may attend if a security plan is on file, which includes Bldg. 235. Contact: Mark Wall, 3-7162, or Joanne Maxwell, 4-4344.

JANUARY  
8

#### PHYSICS & ADVANCED TECHNOLOGIES

Postdoc symposium. Complete schedule can be found at:

<http://www-pat-r.llnl.gov/PostDocs/symposium/symposium.html>. 9 a.m., Bldg. 123 auditorium and conference room A. Contact: Andrew J. Williamson, 2-8285, or williamson10@llnl.gov.

#### LIVERMORE COMPUTING AND ISCR: MPI TOPICS COLLOQUIUM

"Performance Profiling and Analysis for High Performance Computing at CSAR," by Michael Campbell, Center for Simulation of Advanced Rockets, University of Illinois. 10 a.m., Bldg 451, room 1025 (uncleared area). Contact: Terry Jones, 3-9834, or trj@llnl.gov.

JANUARY  
12

#### H DIVISION SEMINAR

"Perovskite Manganites Exhibiting Colossal Magneto Resistance: From Thin Film to Nano-porous and -Hybrid Materials," by Nam Hur,

Center for CMR Materials; Korea Research Institute of Standards and Science. 10:30 a.m., Bldg. 219, room 163 (property protected area). Contact: Choong-Shik Yoo, 2-5848, or Donna Vercelli, 2-0976.

JANUARY  
16

#### INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"The Theory and Practice of Measuring Star Formation Rates: Making Honest Men of the Madau Plotters," by Mike Dopita, The Australian National University. Noon, Bldg. 319, room 205. Contact: Wil van Breugel, 2-7195, or Josie Morgado, 2-7181.

JANUARY  
22

#### PHYSICS & ADVANCED TECHNOLOGIES/N DIVISION

"Flavorful Physics at the Stanford Linear Collider: Heavy Flavor Decays of the Z0 and a Search for Flavor Changing Neutral Currents," by Sean Walston, University of Oregon, Department of Physics, 1:30 p.m., Bldg. 211, room 227, badge required. Contact: Doug Wright, 3-0749, or Pat Smith, 2-0920.

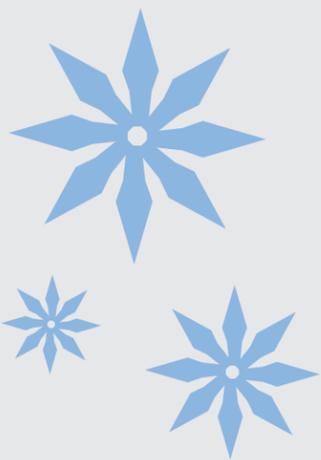
**The deadline for the next Technical Meeting Calendar is noon, Wednesday.**



Happy Holidays



Winter holidays arrived early at the Lab this week as several organizations distributed gifts gathered throughout the year. At left, Dave Van Doren, dressed as Santa Claus rides through the Laboratory. Top, Ariel Trigenous, 3, hugs a doll she received during the Brighter Holidays gift distribution. Below, left, the Lab's Cycletrons refurbished bicycles to give out to Brighter Holidays families. Bottom center, Tony Calderon, 4, Maria Rangel, 4, and Antonio Rodriguez, 3, are all cheers as they pick out gifts from the B Division toy drive. Bottom right, Don Lovelady, Greg Dean and Dan Loder pose in front of Bldg. 111, where one of the many wreaths is hung that they and other Lab gardeners made out of trimmings from trees and shrubs grown on site. The wreaths vary in size from three to eight feet in diameter. The largest one weighs approximately 80 pounds.



Photos by Jacqueline McBride/Newsline





# CLASSIFIED ADS

See complete classified ad listings at  
<https://www-ais.llnl.gov/newsline/ads/>

## AUTOMOBILES

1992 - 3/4 ton Chevy suburban, 454,3rd seat, tow pkg,pw, pl, cruise,white,runs great, rebuilt tranny with warranty. \$8,000 obo 925-449-7664

1986 - Mercedes 300E, good/fair condition, new tires, \$2500/OBO 209-823-0976

1990 - Toyota Corolla 1990 5Spd Trans, Runs Great 209-472-7983

1995 - Saturn SL2 4 door sedan, 5 speed, AC, moon roof, AM/FM/CD, dark blue, 141K miles, good condition, \$3000 obo 925-447-7287

1998 - Chevrolet Malibu, 4D sedan, all power, cruise control, cassette & CD, good condition, 87000 miles, \$4500 or best offer. 925-455-5004

1986 - Ford Tradesman XLT van; 170,000 miles; dealer installed travel/camping upgrades; new timing chain/water pump; runs/looks good. \$2,250 OBO 925-426-1116

1995 - Camry V6XLE leather, good tread, \$2300 recent mech. svc, 240K miles, good cond \$3500 obo 925-634-5064

2002 - Prius Hybrid 50+ mpg, 36K miles, Cruise, 6 disc cd player. 4yrs/48K left on transferrable warranty. Asking \$17,000 / make offer 510-673-8048

1999 - VW beetle, red, loaded, mechanics special for engine challenged bug, \$6200, 925-443-3621

2002 - Hyundai Accent must sell bec leaving CA, PERFECT cond., 28k mi, grey, low emission, great milage, 5 spd manual, 5500\$ =1000\$ below Blue Book value!!! 925-456-5777

1996 - Volvo 850 Turbo, silver, excel cond. New brakes, tires, ABS module. Leather, sunroof, CD. Have all paperwork. 80k mi. \$7900. 510-909-8766

## AUTOMOBILE ACCESSORIES

Black running boards \$150 BO, came off 2001 Suburban. 209-832-1737

Challenger Deflecta-Shield aluminum tool box for Ford Ranger size pickup. \$175.00 209-522-8127

## BICYCLES

Two Schwins, Preteen girls bicycle, modern style, very lightly used, \$50, Classic 1960s womans Suburban bicycle, with light \$70 925-447-7970

Bianchi bicycle for women. Hardley used. \$75/OBO 925-447-4126

Girls Bicycle, 11 inch frame, 20 inch wheels, purple Diamond Back, 21 speed, great condition, 1 hr. of use, cost \$250.00, sell for \$90.00, O.B.O. 925-449-8806

Shogun mountain bike 14in, 21sp, Shimano components, 2.5yo, great condition. Suit older child or shorter adult. \$100 925-449-2038

## BOATS

Starcraft 12 ft. aluminum boat w/trailer. 15-hp Evinrude motor and Minn Kota 50-lb. thrust trolling motor. \$1500.00. 925-634-3481

## CAMERAS

Canon Sure Shot auto-focus 35mm. \$20 925-455-8609

## ELECTRONIC EQUIPMENT

Monitor, Sony 17 inmch Trinitron Color Multiscan 200ES, excellent condition. \$50. 925-648-0671

PhotoMetrics CH250 camera system with CCD, chiller, controller, cables and computer. 500Khz, 12 bit A/D, 1317 X 1035. \$1500 925-455-4484

Yamaha CD-400 compact disc player. \$20 925-455-8609

Circa 1960 Hoffman B&W television, blonde cabinet, in excellent condition. A classic! \$40 925-846-1459

## GIVEAWAY

FREE Womens casual clothes shirts size 3X & 4X and pants sizes 22-28 average to tall. Like new. 925-513-1786

Tether Ball Pole; Motor Mount for Raft; Metal Bed Frame (Queen or King) 925-455-1730

35 gal aquarium with slow leak-a little silicon will fix 925-462-4832

## HOUSEHOLD

Recliner Chair--(does not look like a recliner) neutral fabric, very little wear, great for student. \$50 925-447-6221

Moving Sale- white couch, good shape, 8 feet in length, minimal usage, \$75. 925-964-0534

Oak rolling computer cart/desk, with pull out keyboard and printer trays. \$100. 925-294-9022

Chair/couch set. Rocker/recliner chair. 2 recliners, folding center table sofa. Both have storage, cupholders, and massagers. Good condition \$200.00 925-443-0276

Formal Glass Dining Table \$350 925-449-1481

Moving Sale!Walnut coffee table 59x21 inches and end table 28x21 inches with glass overlay top, perfect condition \$175. Oak desk 5x2.5 ft \$100. 925-964-0534

Crib, Babys dream Cherry wood. Includes toddler daybed acc, mattress. Great condition. \$100.00 O.B.O. 925-449-4379

Amana refrig. White, one year old, 21 cu ft. Energy Star. Runs perfect. \$400.00 510-537-7222

Kitchen Aid Dishwasher (KUDD230BWHQ) \$100. Very good condition, seldom used. 925-736-6300

Teal/burgundy floral couch, Excellent Condition \$350. Beautiful oak antique dresser w/ mirror \$525. Oval antique wood framed mirror \$75. 209-522-8127

Carpets imported from Turkey. 100% wool, hand made. Many colors and styles, small up to 9ftx 13ft 925-449-9514

Barn siding which has been on the wall in my family room for 15 years, grey in color, enough to cover a 16 ft by 18 ft wall, \$100 925-484-4099

Wrought iron dining set w/beveled glass top 40x66; 6 upholstered chairs. Powdered steel patina color. Excellent condition. \$725. 925-513-8047

## LOST & FOUND

LOST: Makeup bag navy blue and maroon on AM ACE shuttle bus in late November. Please turn in to lost and found at Bldg. 274 or return to Bldg. 216 116. 209-839-2266

Pair of Oakley sunglasses in break-room of trailer 2679. Come to trailer 2679, room 1211. 925-292-2524

## MISCELLANEOUS

2001 Larrivee D-05E Acoustic/Electric guitar. Solid woods Spruce & Mahogany. Fishman prefix blender. Case included. Excellent shape \$1000 obo 925-240-7374

Peg-Perego Stroller, Navy blue Pliko Sherpa, \$120. Wooden doll house, reconfigures and disassembles, \$50. 925-294-9022

Antique windup phonograph from 1920s or 1930s. Lots of records. \$200/OBO 925-447-4126

Wood Shaper: Rockwell International, 1 hp shaper on Rockwell roll around stand. \$100. 925-736-6300

32 foot Type 1A Werner extra heavy duty fiberglass extension ladder. \$200.00 209-522-8127

Old oak sewing machine - White early 1900 Beautiful with complete drawers and working trundle and parts includes attachments. \$150.00 925-449-2620

Cirque Du Soleil Allegria tickets for 12/21 at Pac Bell Park have been SOLD. 925-699-1025

San Jose Sharks Centerice Sect 215 12/22 Vs Anaheim 7:30 12/29 Vs Nashville 7:30 2 Seats \$40 Each Per Game 925-516-7099

## MOTORCYCLES

2002 - Honda XR70 2002 Like New, \$1750.00 O.B.O. 209-472-7983

2003 - Kawasaki Ninja ZX-6R, warranty valid thru 3/2007, only 700 miles, \$7,500 510-861-2340

## MUSIC INSTRUMENTS

Alto Sax, Evette Buffet Crampon, with hard case. Excellent condition. Great for student or as a band instrument. \$500 obo. 925-462-3248

Classic Guitars: Harmony \$50, nice 3/4 size student guitar with case \$110 925-484-9028

## PETS & SUPPLIES

Large Nylabone (plastic) pet carrier, folding, animals up to 60 lbs, \$45. 925-294-9022

Yellow/Black Labs AKC Champion lines sire & dame 7 wks \$600 925-521-1848

## RECREATION EQUIPMENT

Nintendo 64 video game set, 2 controllers, 1 game incld, works great, GC, \$40 aft 6pm 209-832-2056

Stearns shorty wetsuit 2mm/3mm. \$30 925-455-8609

Go Kart, like new, 6hp motor, seats 2, with roll bar, asking \$1000.00 209-578-1083

Jr. Golf Set: LaJolla (Yellow

Size) bag & set with putter, 9/P, 7/8, 5/6 irons and 1/3 wood. \$100 or offer. 925-736-6300

North face sleeping bag, goose down mummy style, 38oz, 86x32 hardly used. cost \$299 sell \$130 925-449-1823

## RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>

Modesto - 14 passenger van. \$114/mo + transportation pretax savings. Save more and help drive. 8 - 4:30 work schedule. Captain chairs & reading lights. 209-521-9047, ext. 2-5177

Lafayette - LaMOrinda Vanpool (also WALNUT CREEK stop at Rudgear Rd): reclining seats, reading lights, 7:45-4:45, \$105/mo (pretax reduction available) 925-943-6701, ext. 2-3005

## SERVICES

Interior, exterior painting. Excellent workmanship, excellent references. Good prices. Free estimates. 510-537-7222

TUTOR - K thru 5 AND Special Needs - Twenty years experience in Livermore Public Schools. 925-516-6244

## SHARED HOUSING

Livermore - Room for Rent \$550, plus share utilities 1/3. 1 mile to LLNL, no smoking/pets 925-989-6138

Livermore - Single parent w/2 daughters has rm avail. for rent. Warm, friendly environment. Large Mstr br/ba with all priv. \$600/mo incl util. Female pref. 925-606-0260

Livermore - furnished room for rent. Clean/quiet. \$550.00/month. Share utilities 1/3. Mature adult. No pets/no smoking. Deposit required. 925-449-1128

## TRUCKS & TRAILERS

1999 - DODGE Quad Cab V8, white/gray int, 5sp manual, 74K miles, a/c, PS, Leer camper shell/bed liner, alloy wheels, tow pkg, exc cond \$8900 925-443-2114

1999 - Dodge Dakota Sport, V8, AT, Extended Cab, PW, PD, CD Changer, New Tires, Red, 45K mi., Excellent Cond., \$9,200 B/O 925-449-5447

1988 - Chevy Suburban, 3/4 ton, 454 Eng,A/C front and rear, 3rd seat, Runs great, \$5200 obo 209-836-4169

## VACATION RENTALS

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, newly remodeled, nicely furnished, all amenities, close to all skiing, Reserve Now!Christmas Week Open! 209-599-4644

## WANTED

Wanted: 16-inch bike for six-year old girl in good working condition. 449-7525.

Wanted computer technician to add memory and upgrade o/s on my I mac. 925-997-1958

WANTED Player piano rolls, for my upright player piano. I would like them in playing condition. 209-835-0695

Wanted: A loving home for Libby, a one year old Collie and Border Collie mix. 925-828-6376

Wanted: compact, portable reel-to-reel tape recorder for transcribing old audio tapes to cassettes. Need not be high-fidelity. 510-728-4336

Snow Blades and/or size 12-13 boots 925-443-4413

Your good used books needed at Buenas Vidas Youth Ranch Thrift Store, 116 N. L Street, Livermore. Open 7 days. Tax deductible. 925-449-7702

Housekeeper needed for our Tracy home. Experience required, references preferred, no agencies please. 209-832-3435

Woman looking for a room to rent now in Pleasanton with kitchen, laundry privledges. 408-691-4834

Punching bag wanted. 925-960-0654

Wanted: Really large frame mountain/hybrid commuter bike for 6ft6inch tall rider to replace one stolen from back yard. 510-486-8222

Need home computer that works and is inexpensive. Prefer PC 510-881-8536

Lapidary saw/grinder for gems call 209-234-2314

Looking for a cheap used PC for my kids to bang on...any old PC (I have monitor and peripherals) will do! 415-725-2635

Portable basketball hoop/goal. 209-834-1665

Wanted: Quilter to make custom quilt for reasonable fee. 925-449-0463

Seeking in great condition a Car Seat, Stroller, and Baby Crib for a brighter holiday family in need. 925-640-8291

I need a washing machine and refrigerator in good condition. 925-243-1622

White Washed Bookcase. Will consider most styles. Picture? White Wash or Light colored wood entry table. 925-339-3323

Wanted...Exercise bike to be used for PT. Please call after 2pm. 925-447-5525

## Please note:

Services and merchandise listed in *Newsline* are not guaranteed. It is up to the buyer to scrutinize services purchased.

## AROUND THE LAB



# Lab employees who have the write stuff

By Karen Kline

IBIS

*Editor's note: This is the first in a series of columns designed to recognize LLNL authors (current or retired employees) who have published books in the last year or two.*

For you last-minute holiday shoppers, the fiction and general interest titles listed here are available at Altamont Books in Livermore. All titles are available from online booksellers like Amazon, Barnes and Noble, and Powells.

Are you an employee by day and an author at night? Fiction, nonfiction, general interest or technical, let us know about your book and we'll list it here. Contact Karen Kline (kline1@llnl.gov) with your contributions and comments.

## Fiction

**James Kohl** (technical editor, Johnson Controls) is the author of two self-published books and at work on a third. His first book, *Noble Poverty: A Teacher's Life in Silicon Valley* (Writer's Club Press, 2001), chronicles his experience making a living as a middle-school English teacher in one of the most expensive housing markets in the country. His second book, a novel called *One Truth at a Time* (Writer's Club Press, 2002), explores the convoluted world created by a compulsive liar and how that warps his professional and personal relationships.

**Camille Minichino** (retired physicist, engineering, 1990) writes murder mysteries that

take their titles from elements on the periodic table (*The Helium Murder, The Lithium Murder, The Beryllium Murder, and The Boric Acid Murder*). Her most recent book, *The Carbon Murder* (St. Martin's Press) will be released in February 2004. All the periodic table mysteries feature sleuth Gloria Lamerino, a retired physicist who lives above her friend's funeral parlor and provides her expertise to the police on science-related cases.

**Anne Parker** (science writer, TID) has just published her first novel, *Silver Lies* (Poisoned Pen Press, 2003), a murder mystery set in Leadville, Colo. during the 1879 silver rush. In a highlighted review, *Publisher's Weekly* says, "Drawing on historic facts and figures of 1870s Colorado, Parker tells a gripping tale of love, greed and murder in the Old West, with a cast of convincing, larger-than-life characters, including a brief appearance from Bat Masterson himself."

## General interest

**Jack Dini** (retired physicist, Engineering, 1997) turned a collection of columns originally written for *Plating & Surface Finishing Magazine* into a recent book called *Challenging Environmental Mythology: Wrestling Zeus* (SciTech Publishing, 2003) with the goal of debunking "currently accepted truths" about the environment in light of scientific research. According to the publisher, the book "spreads

the good news about the environment."

## Technical

**Terence Critchlow** (data science group leader, CASC) is the author, with Zoe Lacroix, of *Bioinformatics: Managing Scientific Data* (Morgan Kaufmann Publishing, 2003), which focuses on the challenges of data integration and interoperability in bioinformatics. The book describes the issues, approaches, and solutions of eight bioinformatics teams from academia and industry. In closing, the book provides a framework for evaluating these systems.

**James R. Wilson** (physicist, B Division) wrote *Relativistic Numerical Hydrodynamics* (Cambridge University Press, February 2004). Calculations of relativistic hydrodynamics are crucial to several areas of current research in the physics of supernovae and stellar collapse. This book provides an overview of the computational framework, in which such calculations have been developed with examples of applications to real physical systems. Beginning with the development of the equations and differencing schemes for special relativistic hydrodynamics, the book stresses the viability of the Euler-Lagrange approach to most astrophysical problems. It details aspects of solving the Einstein equations together with the fluid dynamics for various astrophysical systems in one, two and three dimensions.

## GLENZER

Continued from page 1

American Physical Society in 2001, in light of his "important contributions to understanding of plasma waves, atomic physics, and hydrodynamics of hot dense plasmas."

According to the citation accompanying this year's award, Glenzer was honored "for elegant diagnostics using collective Thomson scattering together with X-ray spectroscopy, which greatly advanced the understanding of the complex plasma environment in laser driven hohlraums used in inertial confinement fusion."

The award, which includes \$5,000, was presented at the recent APS Division of Plasma Physics meeting, held in Albuquerque, N.M.



Siegfried Glenzer, the plasma physics group leader for the National Ignition Facility, and winner of the 2003 Award for Excellence in Plasma Physics Research from the American Physical Society, is the first scientist to conduct experiments inside the NIF target chamber.

BOB HIRSCHFELD/NEWSLINE

## TESTIMONY

Continued from page 1

major day-to-day commitments of his throughout his career. Anastasio cited his previous appointments prior to director, that of associate director of Defense and Nuclear Technologies and deputy director for Strategic Operations as "positions that strengthened my appreciation of the importance of having a deeply rooted safety culture in the workplace, with systems to assure that proper safety practices

are learned and followed by all.

"I expect safety to be an integral part of all programmatic objectives," Anastasio emphasized, adding that managers are held accountable for ensuring work is performed safely and within approved safety envelopes.

"It is everyone's job to keep work processes up-to-date, look for improvements and question processes that seem deficient," Anastasio said.

He went on to describe safety improvements the Lab has made through its Integrated

Safety Management system as well as continuous ES&H reviews by the Lab's Assurance Review Office.

"Safety must be deeply rooted in the culture of our Laboratory," Anastasio concluded. "I have high expectations for the ES&H performance of Laboratory staff, and we have put into place effective systems and procedures, which we continually improve, to assure that safety standards are being met."

Anastasio's testimony will be posted on the Web at [www.llnl.gov/director/talks.html](http://www.llnl.gov/director/talks.html)

## STATE OF LAB

*Continued from page 1*

pletion of the ninth annual assessment of the nuclear weapons stockpile serves as a “reminder of our core responsibilities at the Laboratory.”

The Lab was able to overcome the challenge of budget uncertainty and “keep all the major commitments on track for the hands-on work we have to maintain confidence in the nuclear weapons we’re responsible for in the nation’s deterrent.”

Effort in stockpile stewardship produced innovative science and technology “that underpins the certification process,” he said.

Laboratory researchers completed a complex subcritical experiment, “Piano,” at the Nevada Test Site and brought on line the new JASPER gas gun for conducting plutonium shock experiments.

The National Ignition Facility (NIF), another tool for stockpile stewardship, also “had a truly remarkable year” with the “completion of NIF early light. We were able to demonstrate the full system performance on a per beam basis with the first quad.

“Not only are four beams operating, but we accurately transported them to target chamber center and conducted our first experiments,” he said. “We’re getting our first data out of NIF.

“NIF is going through a major transition. NIF will continue construction as it proceeds with commissioning and the execution of experiments,” he said, adding “there is much hard work left to do.”

Lab 3D simulation capabilities from ASCI computers are being used to improve capsule design to increase confidence in achieving ignition, he added.

Addressing nonproliferation and homeland security programs, Anastasio paid tribute to Lab programs supporting operations in Iraq, and those in the military reserves called to active duty.

“We have more than 20 employees who have been called up and are serving in the military in Iraq. They have all our support and in our thoughts, especially in this holiday season.”

The Laboratory has played a supporting role throughout the conflict by providing intelligence analysis and capabilities such as CAPS, a tool for tactical war planning.

In support of homeland security, Anastasio highlighted the Biowatch bio detection system developed by the Laboratory and Los Alamos, which “has now been deployed in tens of cities across the country.”

Security of our homeland also requires nonproliferation research and development, which remains a vital part of the Lab’s national security missions.

### Science & technology

He announced development of the first phase of the long-range strategic investment plan for science and technology, led by Hal Graboske, deputy director for Science and Technology with the associate directors.

An ongoing initiative, the plan consists of develop-

ing strategies for S&T investment in six themes important to the future. The six themes include Stockpile Science and Technology, High-Energy Density Science and Technology, Biological, Chemical and Materials Science and Technology, Information Simulation and Systems Science and Technology, Energy and Environment Science and Technology and Nuclear, Radiative and Astrophysical Science and Technology.

“This is just the first phase of the plan and it will continue to evolve,” Anastasio said. “We are creating a plan that creates discovery class science, enhances ongoing programs and enables future missions.”

Lab S&T also needs to participate “at the forefront of where the national and international community is going in science and technology,” he said, adding strategic planning will allow Lab scientists and technologists to be well integrated into the broader national and international community.

“The goal of putting this plan together is to get the most leverage for the resources we have available so we can enable the Laboratory of today and the future,” Anastasio said.

*Newsline* will provide additional details about the S&T plan and ongoing progress reports starting early in the new year.

In other areas of science and technology, “we’ve also had a very successful year, with important achievements that range from understanding and observing the universe to nanomaterials.”

Anastasio also recapped a year rich in awards for Laboratory researchers, including six R&D 100 awards.

### Operations, security and safety

While the Lab faced operational challenges in security, Anastasio underscored successes in areas where external reviews have shown the Laboratory to be “best in class.”

As further validation of the Lab’s successes, Anastasio said the Lab is serving as a resource for other national labs in areas of business systems, financial management and facilities.

Addressing the area of Safeguards and Security, Anastasio said the reorganization of Lab security under the leadership of Dave Leary has strengthened management, and procedural actions have been taken to enhance security. “We’re working to rebuild the overall security program.”

Noting the “very successful effort to reduce the injury rate” at the Lab, the Director said employees need to remain vigilant. After five years of continuous improvement, “we note that the injury rate is starting to creep up again,” he said. “It’s important for us to collectively recommit to and focus on safety across the Laboratory.”

He emphasized the importance of individual responsibility in raising and addressing safety concerns. “What’s most important is you, the people doing the work. If there are safety concerns, stop the work,” he said.

Turning to workforce issues, Laboratory management met a major commitment by successfully implementing the first phase of the Integrated Performance and

Pay Program. The improvements in this system are based on a set of principles and designed to be transparent, consistent and with explicit accountability.

“So it was a challenging but very successful year.” Anastasio expects the coming year to be challenging as well.

### Challenges and opportunities

Anastasio said the Lab will again face budget challenges. Funding including the core weapons program is expected to be flat, while homeland security should grow. “Though we don’t have a complete understanding yet, I expect the Lab will be a bit smaller by this time next year.

“Therefore we have to be very conscious of efficiency and effectiveness across the Lab.” An important step the Lab has taken is programmatic responsibility for integrating institutional IT.

In addition, Anastasio said he will continue to evolve the structure and leadership of the Laboratory.

Turning to programs, Anastasio said there are a number of key opportunities to pursue. They range from the role of nuclear weapons in the post-Cold War world, support to the Department of Homeland Security, reasserting the role of nonproliferation R&D and supporting the transformation of Department of Defense, to emerging programs such as Genomes to Life and the six Lab-director efforts on energy and nuclear power.

Anastasio said all this is in the context of changes being made at the University of California to strengthen performance of the laboratories and UC oversight.

To that end, UC Regents in November approved a proposal by Foley to create an oversight board of directors for the national security labs by bringing in outside expertise.

Dynes and Foley have been “very supportive of the laboratories” and at the same time “very committed to the Lab’s performing in an outstanding way,” Anastasio said. “There will be some specific actions in the next year, including the exploration of partners to build improvement into each of the labs and to take us to the next level of performance.”

The current contract for LLNL expires in 2005. Recent legislation requires the Department of Energy to compete five laboratories, including Livermore, by the end of their current contract. “The department has yet to decide the timing, character and criteria for that competition,” Anastasio said.

In concluding his presentation, Anastasio outlined three steps to the Lab’s “path forward. Thanks to you, the employees, the Lab has a good reputation. Everywhere I go the Laboratory is held in high regard,” he said. “Credibility is hard to earn but very easy to lose, so let’s hang on to it.”

Secondly, “we have to take on the important challenges of the future. Let’s go after our opportunities. We can’t stand idly by. We need to pursue opportunities and do this with our passion for mission.”

Finally, Anastasio said, “let’s practice our values, and be the great Laboratory we have always been.”



## Tis' the season. . .

for holidays, vacations and reduced operating hours around the Lab. Below is a list of the Laboratory holidays and schedules for popular Lab groups, services and facilities.

### Lab holidays

Thursday, Dec. 25; Friday, Dec. 26; Thursday, Jan. 1; and Friday, Jan. 2.

### LLESA

- Closed Dec. 22 – Jan. 2:
  - Fit For Business (FFB)
  - Fit Stop
  - Pool
- LLESA Administration Office. (Office phones will be staffed 9 a.m. – 4 p.m. on Dec. 22 – 24 and 29 – 31.)
- Children’s Center: Closed Dec. 25, 26 and Jan. 1, 2
- Time Zone: Closed Dec. 25 – Jan. 2

### Site 300

Closed Dec. 24 – 26 and Dec. 31, Jan. 1, 2.

### Lab Cafés

**West Café, South Café, and the Roadrunner Café (Site 300):** Open Dec. 22 – 24 and Jan. 29 – 31. Closed Dec. 25, 26, Jan 1, 2.

**Hard Hat (Central) Café:** Closed Dec. 22 – Jan. 2. The new Central Café will be completed in late January 2004.



**Newsline  
UC-LLNL  
PO Box 808, L-797  
Livermore, CA 94551-0808**